

# Part 573 Safety Recall Report

# 16V-778

**Manufacturer Name :** Ford Motor Company**Submission Date :** OCT 24, 2016**NHTSA Recall No. :** 16V-778**Manufacturer Recall No. :** 16S39**Manufacturer Information :**

Manufacturer Name : Ford Motor Company

Address : 330 Town Center Drive

Suite 500 Dearborn MI 48126-2738

Company phone : 1-866-436-7332

**Population :**

Number of potentially involved : 170

Estimated percentage with defect : NR

**Vehicle Information :**

Vehicle 1 : 2017-2017 Ford F-Super Duty

Vehicle Type : LIGHT VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** This action affects 6.7L Diesel Chassis Cab vehicles with a middle position fuel tank configuration.

These vehicles are not produced in VIN order. Information as to the applicability of this action to specific vehicles can best be obtained by either calling Ford's toll-free line (1-866-436-7332) or by contacting a local Ford or Lincoln dealer who can obtain specific information regarding the vehicles from the Ford On-line Automotive Service Information System (OASIS) database.

Production Dates : MAR 21, 2016 - AUG 28, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

**Description of the Defect :** In the affected vehicles, inadequate adhesion of the protective shield on the fuel conditioning module may allow it to be dislodged by road debris or water spray. If the protective shield is dislodged, road debris or water spray may force open the drain valve on the module. This can lead to air ingress into the fuel system or a substantial fuel leak.

Ford is not aware of any reports of accident, injury or fire related to this condition.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** In the event of water spray or road debris opening the drain valve, a

**Description of the Safety Risk :** substantial fuel leak could occur. A fuel leak in the presence of an ignition source may increase the risk of fire. In addition, under certain conditions, significant liquid fuel on the road surface may cause a slip hazard, increasing the risk of a crash.

**Description of the Cause :** The adhesive for the protective shield on the fuel conditioning module was insufficient to maintain the shield's attachment under certain driving conditions.

**Identification of Any Warning that can Occur :** Fuel odor or visible leaks may be noted. In addition, air ingress into the fuel system may cause engine stumble or other driveability symptoms.

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

September - October 2016: Ford Engineering reported a concern with a fuel leak from underneath the fuel tank on an early production test fleet vehicle and brought this to Ford's Critical Concern Review Group (CCRG) for review. Ford's analysis of that vehicle fuel system found that the leak was from a partially opened drain valve on the fuel conditioning module located under the fuel tank. Further inspection found that the shield protecting the drain valve had become dislodged. Ford conducted vehicle evaluations in an attempt to replicate the shield displacement and subsequent opening of the drain valve. Additional testing found that certain levels of road splash at certain vehicle speeds may be sufficient to displace the fuel conditioning module's adhesive mounted protective shield. Road splash or debris could then contact the drain and damage or open it. The fuel conditioning module is installed in various locations based on the specific vehicle configuration and fuel tank size. Ford identified that vehicles with middle position fuel tank configurations and conditioning module locations could be uniquely susceptible to this condition.

On October 17, 2016, Ford's Field Review Committee reviewed the concern and approved a field action.

## Description of Remedy :

**Description of Remedy Program :** Owners will be notified by mail and instructed to take their vehicle to a Ford or Lincoln dealer to replace the adhesive mounted protective shield currently installed on the fuel conditioning module with a bolt-on metallic

protective shield following the dealer bulletin technical information. There will be no charge for this service.

Ford is excluding reimbursement for costs because the original warranty program would provide for a free repair for this concern.

Ford will forward a copy of the notification letters to dealers to the agency when available.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

### Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on October 25, 2016. Mailing of owner notification letters is expected to begin November 07, 2016, and is expected to be completed by November 11, 2016.

Planned Dealer Notification Date : OCT 25, 2016 - OCT 25, 2016

Planned Owner Notification Date : NOV 07, 2016 - NOV 11, 2016

\* NR - Not Reported